Plane&Space&Numbers

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OTHER HIGH RANGE IQ TESTS

Plane&Space&Numbers is a high-range IQ test that unifies the mathematical thought and the geometry of the plane and the space. All the questions contain geometric relationships and numeric patterns. The test is not easy, if you want to obtain a result according to your possibilities you have to take the test seriously. To get a reliable result, I think it`s necessary to dedicate a minimum of fifteen hours to resolve the test.

Test taking information:

Your solutions with the fee enclosed must be sent to:

PSN
Apdo. Correos 1877
07001 Palma de Mallorca
Baleares
ESPAÑA

Two attempts are allowed, however in order to standardize correctly the test, for the calculation of the norm will be considered only the scores obtained on the first attempt.

Fee:
10€ or 15$ only cash one submission
20€ or 30$ only cash two submissions

You can also pay via paypal and email me your answers using this email adress:
hiqland@gmail.com

A few days after your answers have been received you will be e-mailed a score report.

It is necessary and enough the elementary knowledge of geometry and algebra.

The grid of the background is formed by unitary cells of dimension 1x1. In some questions it is essential to measure or to compare. Make use of the grid, when you consider it necessary.

P:Q = R:S means "P it is Q, as R it is S"

Some questions require you to justify your answer. If you don't do it, that question won't be corrected.

Take as much time as you need.
References are allowed.
Please, do not discuss solutions in public forums.

The following information is required for me to process your test:
Full Name
Age/Gender
All prior test scores on standardized and high range tests.

score list
download the test in PDF format

PSN is accepted for admission in the following societies:

Incognia
Camp Archimedes
Homo Universalis
Synapse
ISI-S
Ludomind
Neurocubo
Skal
Encefálica

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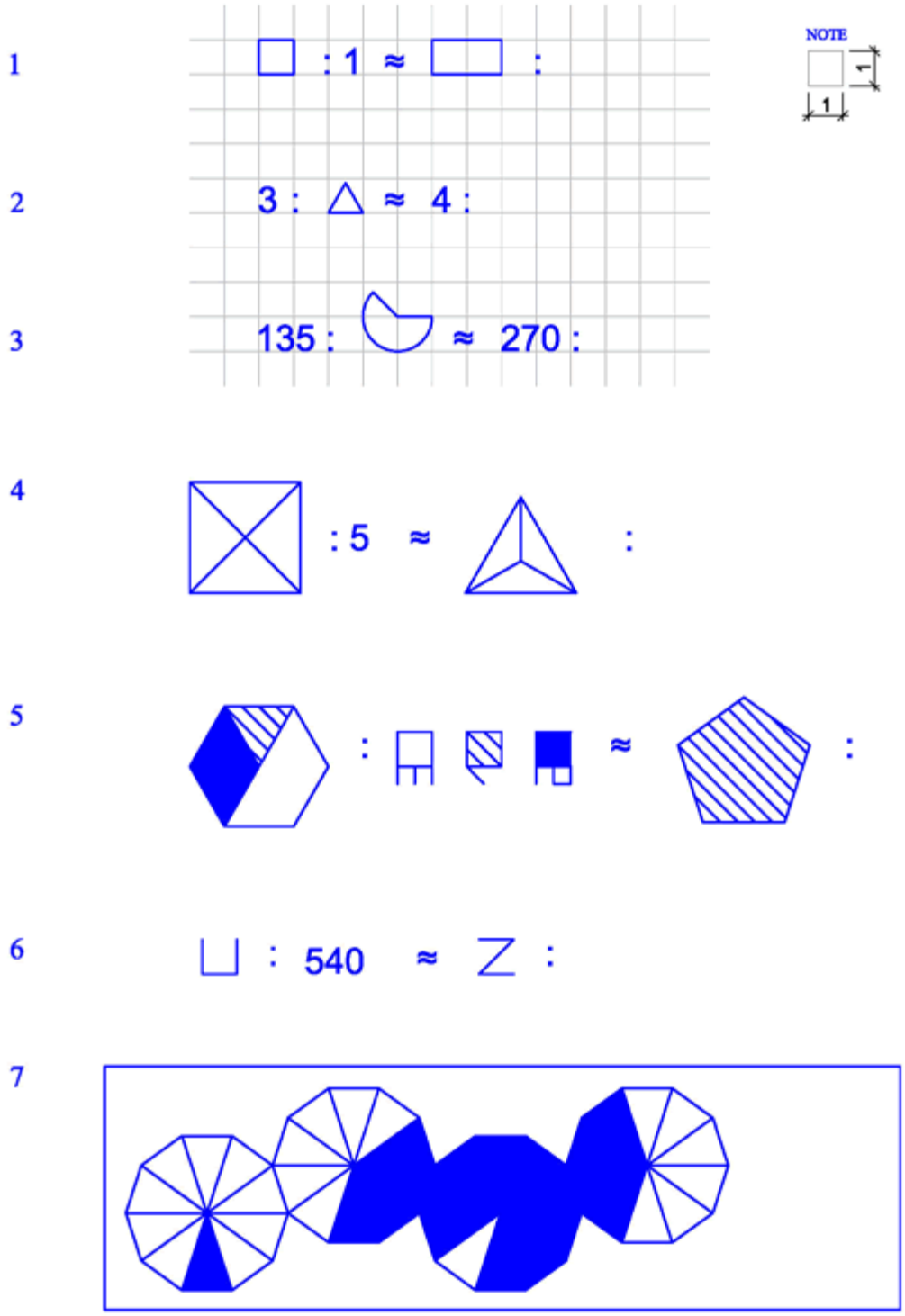

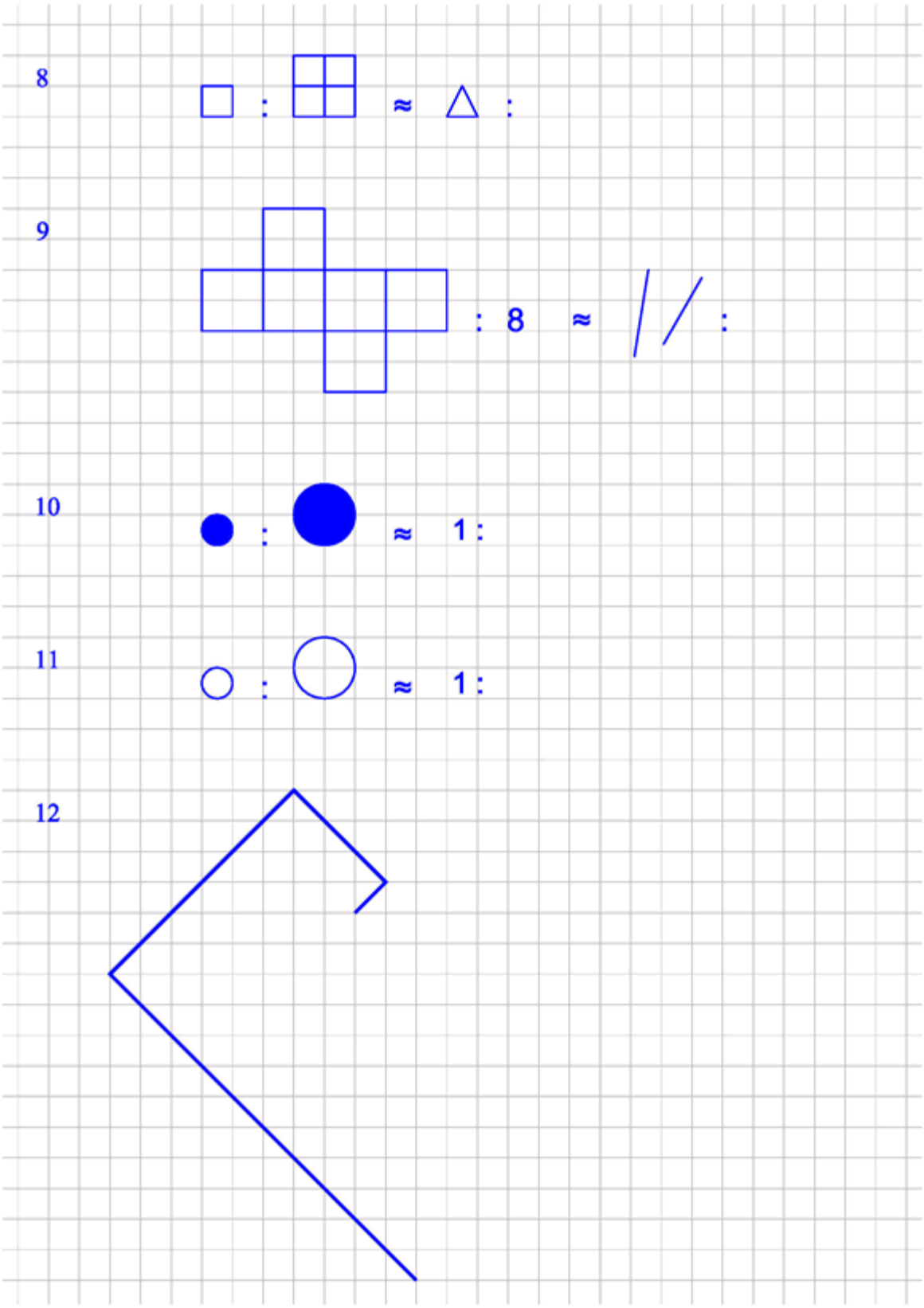
8
: ≈ :
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: 8 ≈ :
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: ≈ 1 :
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: ≈ 1 :
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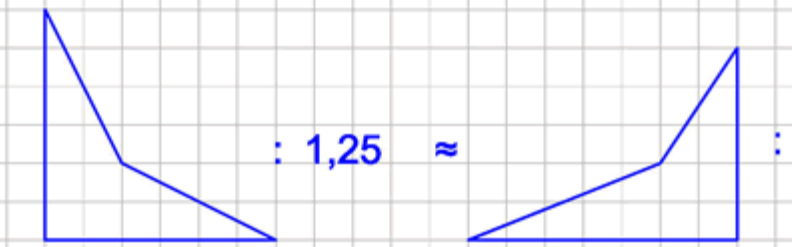
13



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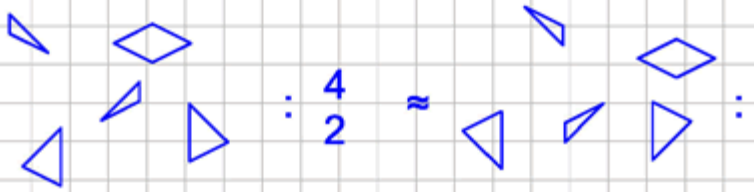

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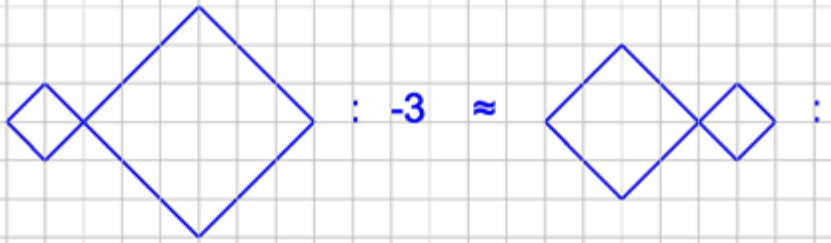

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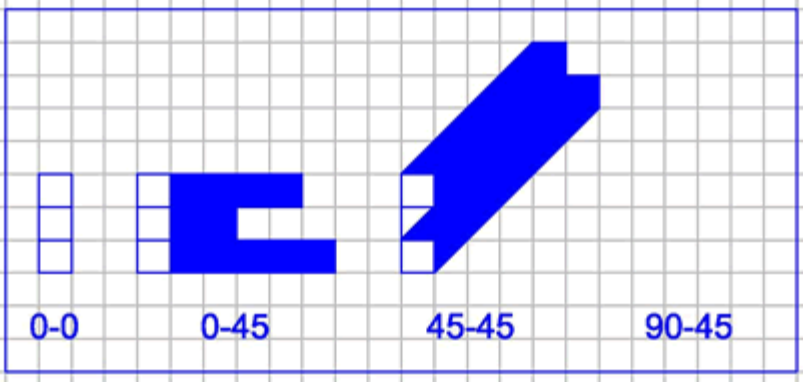

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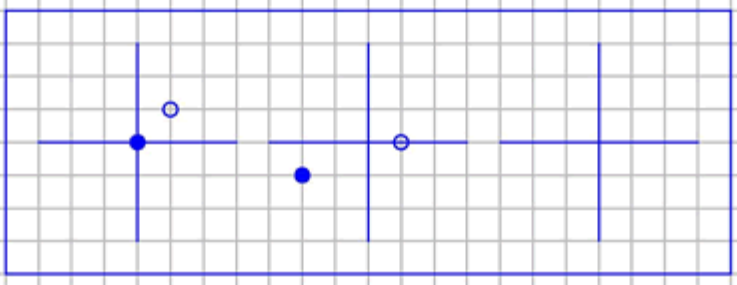
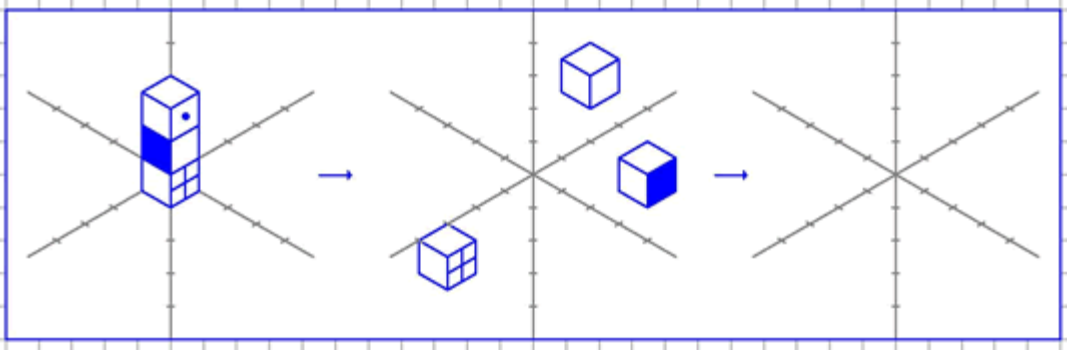


$$\begin{pmatrix} 0 & 1 \\ 0 & 1 \end{pmatrix} \qquad \begin{pmatrix} -2 & 1 \\ -1 & 0 \end{pmatrix} \qquad \begin{pmatrix} 1 & -1 \\ 2 & 1 \end{pmatrix}$$

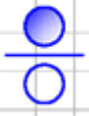
20



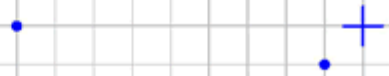
$$\begin{pmatrix} 0 & 0 & 0 \\ 0 & 0 & 0 \\ 0 & 0 & 0 \end{pmatrix} \qquad \begin{pmatrix} 3 & 3 & 2 \\ 0 & 90 & 180 \\ -1 & 0 & -1 \end{pmatrix} \qquad \begin{pmatrix} -1 & 0 & 0 \\ 270 & 0 & 90 \\ 0 & -1 & 0 \end{pmatrix}$$

21

22



50/3

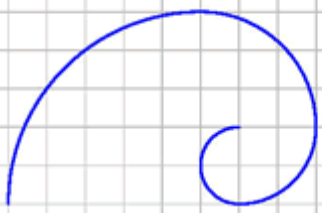


23

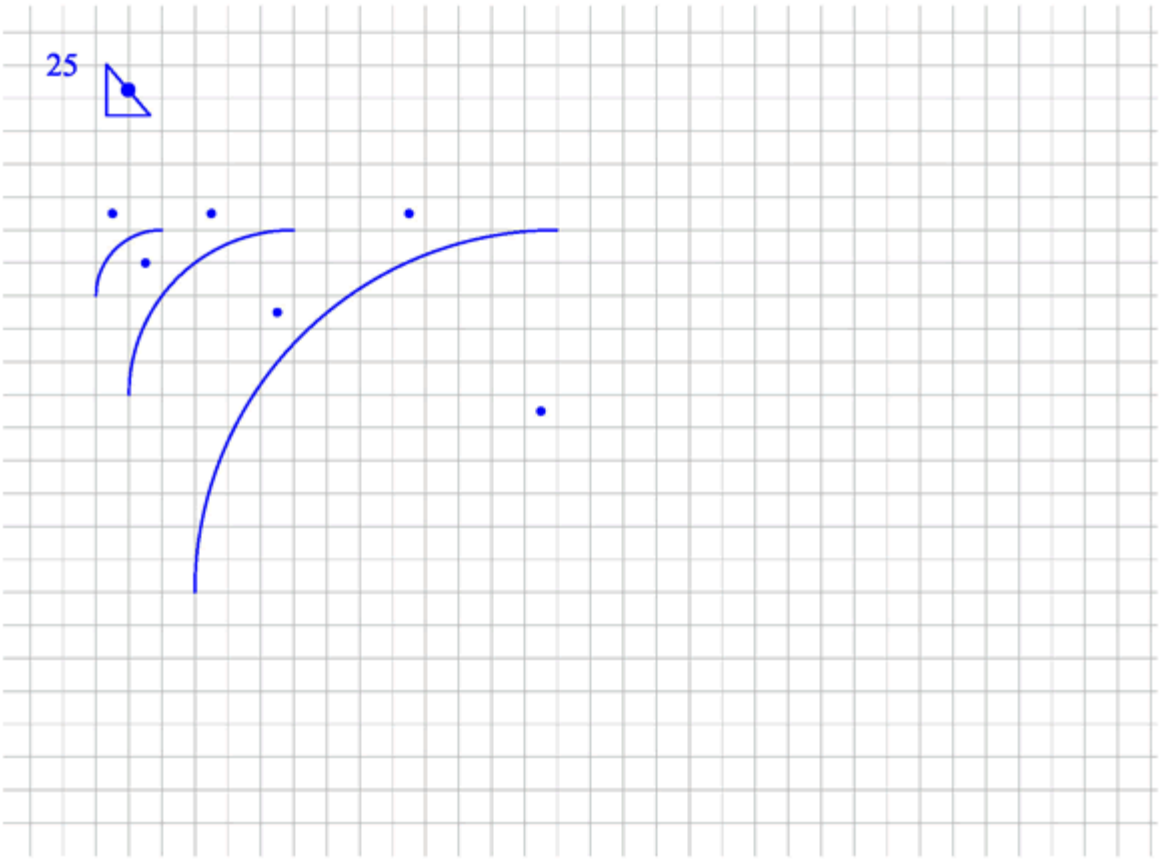
(x, y : whole numbers) Indicate the correct option(s)

24

1, 1, 2, 3, 5 :



≈ $\sqrt{2}, \sqrt{3}, \sqrt{4}, \sqrt{5}, \sqrt{6}$: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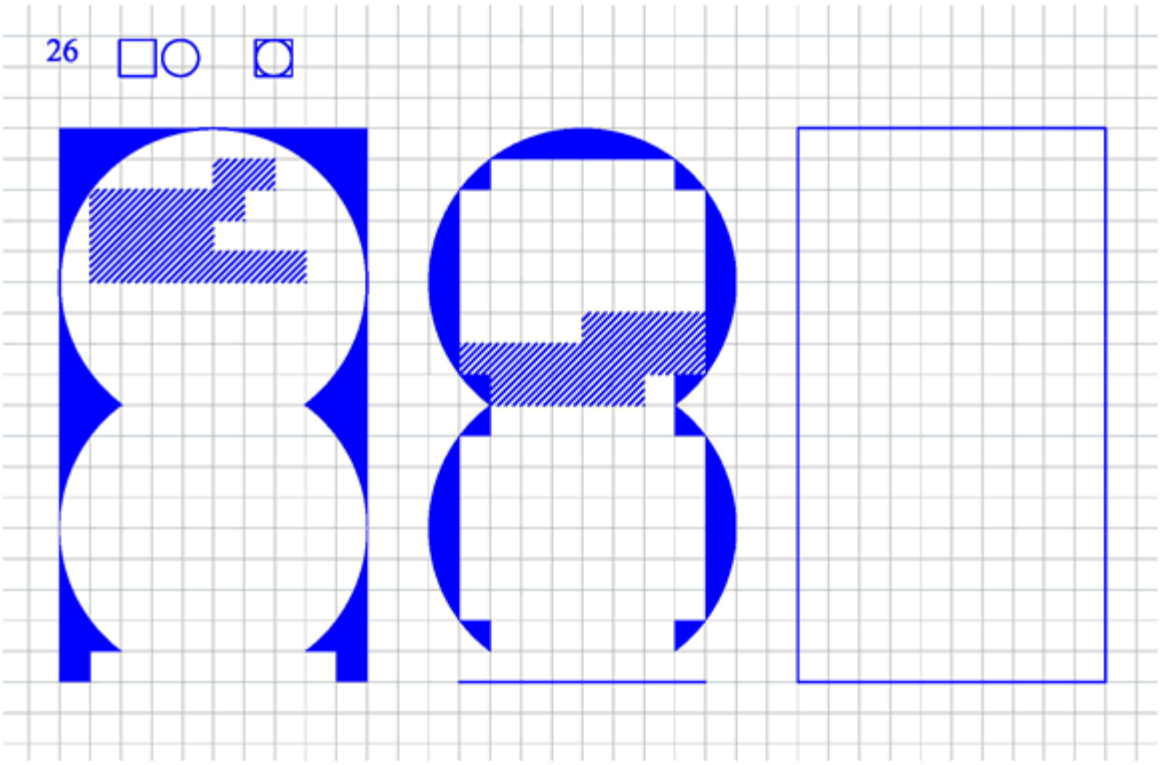
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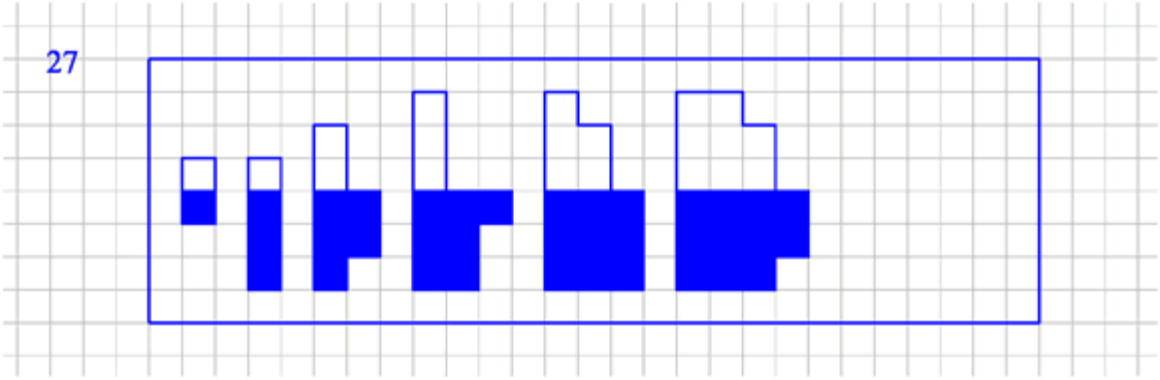

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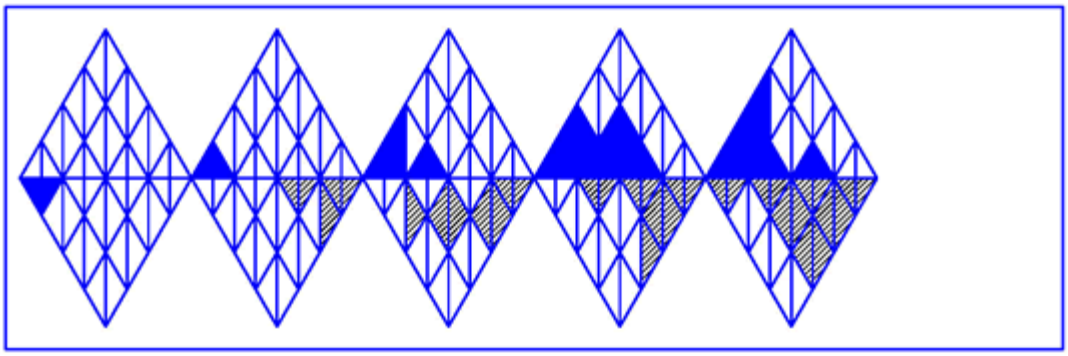
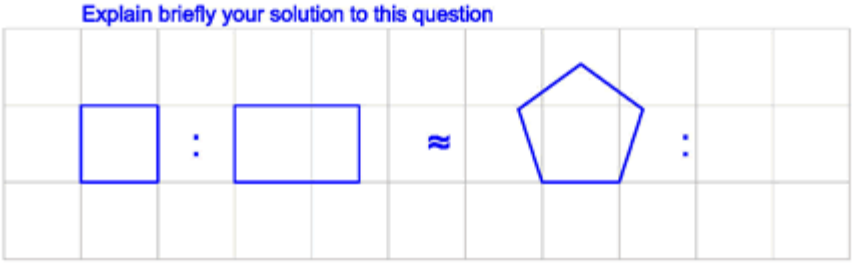
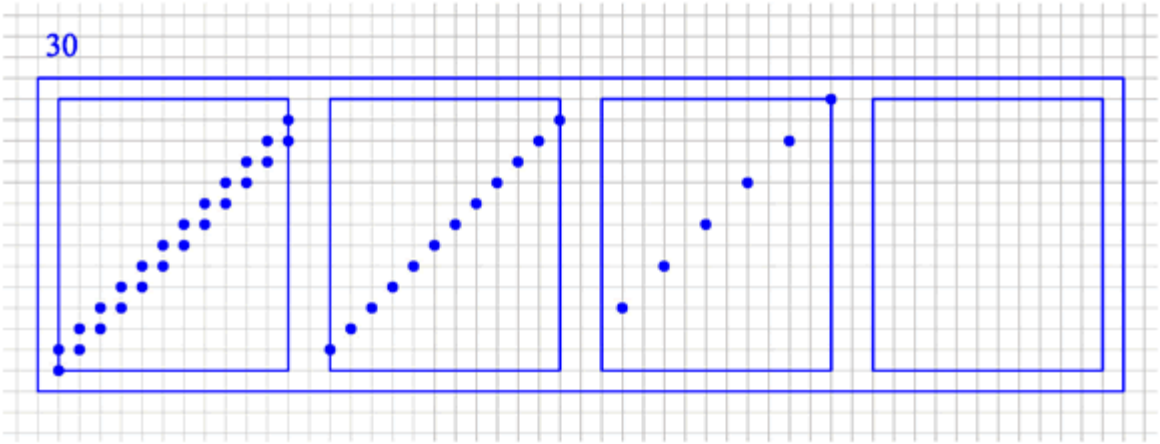


29

Explain briefly your solution to this question



30



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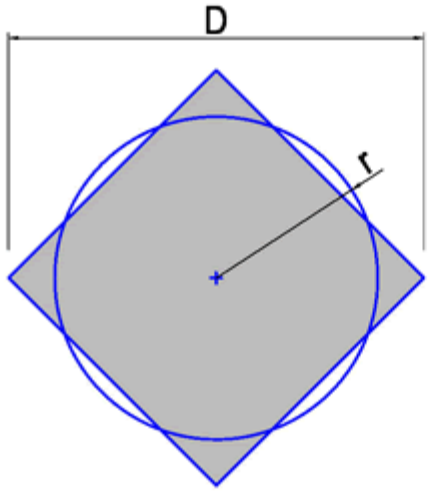
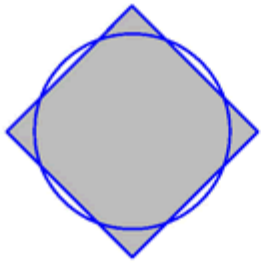
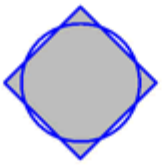
Explain graphically and numerically the method developed to solve this question. The use of relations or trigonometrical formulas is not allowed. The software drawing use is not allowed. Give your answer with 9 significant numbers.



r = 7
D = 18



r =
D =



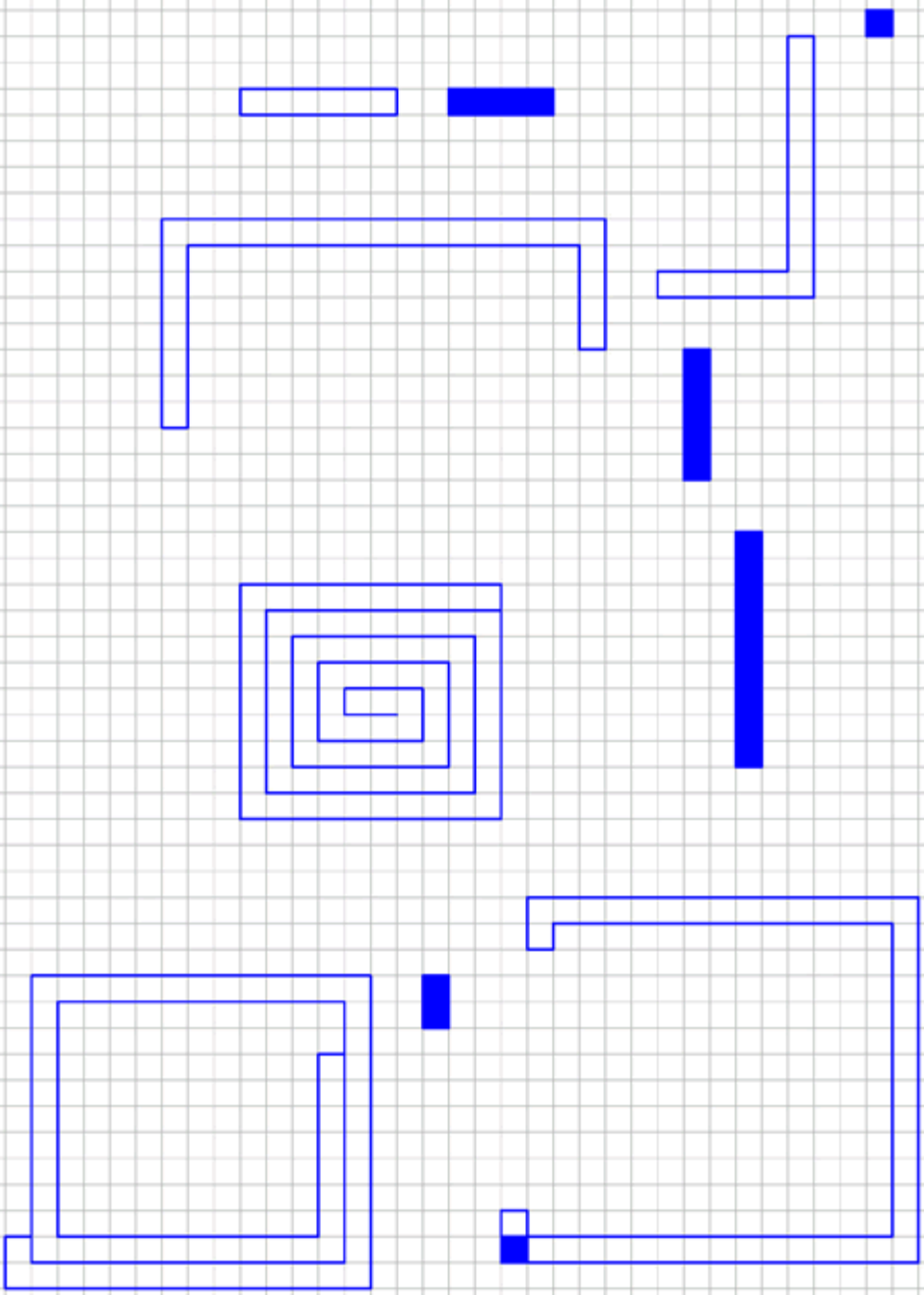
r =
D = 6.58710562

r =
D =

32 π

Indicate the correct option: -1 0 +1

Explain briefly your solution to this question.



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